



3" & 4" METER SERVICE INSTALLATION

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| <ul style="list-style-type: none"> <li>① UTILITY VAULT No. 4484-LA OR APPROVED EQUAL</li> <li>② 4~3"x3"x3/8" GALV. ANGLES, 48" LONG (HOT DIPPED)</li> <li>③ INSTALL LANE POLYPROPYLENE (STEEL REINFORCED) LADDER ON OPPOSITE SIDE OF SECONDARY METER. LOCATION TO BE APPROVED BY THE DISTRICT. (MUST BE ACCESSIBLE FROM VAULT LIDS &amp; MUST NOT INTERFERE WITH THE METER MOUNT OR TESTING)</li> <li>④ NON-SHRINK WATER TIGHT GROUT (BOTH ENDS)</li> <li>⑤ DRAIN VAULT TO DAYLIGHT OR PROVIDE WATERTIGHT VAULT. EASEMENT REQUIRED ON DRAIN</li> <li>⑥ 36"x72" LW PRODUCTS HD ACCESS HATCH (H-20 RATED). HATCH TO BE COATED WITH THERMION TH604 ANTI-SLIP &amp; ANTI CORROSION SYSTEM, GRADE #2 MODERATE TEXTURE. LID AND HATCH TO BE H-30 RATED IF IN TRAFFIC AREA.</li> <li>⑦ INSTALL PVC SHORT NIPPLE &amp; 90° POINTED DOWN IN THE CORNER DRAIN W/1" WASHED DRAIN ROCK POCKET. NOTE: DEPENDING ON MANUFACTURER AND SIZE OF VAULT DRAIN KNOCKOUTS COULD BE ON SIDES OR END OF LID.</li> <li>⑧ 3" OR 4" TEE (FL)</li> <li>⑨ WATER MAIN</li> <li>⑩ 3" OR 4" R.W. GATE VALVE (FL x MJ)</li> <li>⑪ MEGALUG GLAND OR APPROVED EQUAL.</li> <li>⑫ 3" OR 4" DUCTILE IRON PIPE.</li> <li>⑬ (4) 5/8 DIA. SST. ALLTHREAD- BOLT FLANGE THROUGH WALL TO ANGLE (HOT DIPPED)</li> <li>⑭ ROMAC 2"x3" (202NS-4.05) OR 2"x4" (202NS-4.80) DOUBLE STRAP STAINLESS STEEL SADDLE OR APPROVED EQUAL</li> <li>⑮ MEGALUG GLAND OR APPROVED EQUAL.</li> <li>⑯ 2" CORP. STOP (2 PLACES) FORD FB500-7 OR MUELLER B2969N</li> <li>⑰ 2" BRASS 90° BEND</li> <li>⑱ 2" BRASS PIPE (TYP)</li> <li>⑲ BRASS FIP GATE VALVE.</li> </ul> | <ul style="list-style-type: none"> <li>⑳ 2" BRASS UNION AS APPROVED BY THE DISTRICT</li> <li>㉑ MEGAFLANGE ADAPTER</li> <li>㉒ DUCTILE IRON SPOOL (FL X PE) (15" LONG FOR 3" METER, 20" LONG FOR 4" METER)</li> <li>㉓ 3" OR 4" DUCTILE IRON SPOOL (FL X PE) (10" LONG MIN.)</li> <li>㉔ 3" OR 4" BADGER RECORDALL COMPOUND SERIES METER (FL X FL), LEAD-FREE BRONZE ALLOY WITH HIGH RESOLUTION ENCODER (HR-E) AND ORION CE TRANSMITTER. MOUNT RADIO TRANSMITTER THROUGH VAULT LID AS DIRECTED BY THE DISTRICT. FACTORY PROGRAMMED FOR 100 CUBIC FEET.</li> <li>㉕ 3" OR 4" BADGER PLATE STRAINER (FL X FL)</li> <li>㉖ 4"x3" DUCTILE IRON REDUCER AS DIRECTED BY THE DISTRICT (MJxMJ) WITH MEGALUG FOLLOWER GLANDS.</li> </ul> |
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**NOTE:**  
 PIPING & VALVES MUST BE SUPPORTED BY ADJUSTABLE PIPE SUPPORT STANDONS, MODEL S-92 OR APPROVED EQUAL, A MINIMUM OF TWO REQUIRED OR AS DIRECTED BY THE DISTRICT.



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DATE: 05-2017      DWG. WD-22

APPROVED BY: \_\_\_\_\_ DLH \_\_\_\_\_  
 DISTRICT ENGINEER